

PATENT ABSTRACTS OF JAPAN

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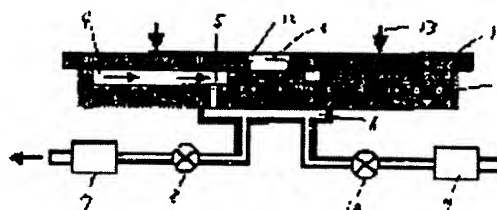
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(54) MAGNETIC TRANSFER DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To make a master and a slave disk extensively closely stuck to each other from the inner circumference over to the outer circumference, by providing plural recessed parts extending radially from a central position of the slave disk in the magnetic transfer surface of the master.

SOLUTION: A spindle 3 of the master 1 is inserted into a center hole 12 of the slave disk 11, and an exhaust valve 8 is closed and an inlet valve is opened to operate a suction pump 9. Air fed under pressure into a chamber 6 by the suction pump 9 is introduced into a groove 4, and is passed through the groove 4 to spread out of the vicinity of the center of the master 1 to the outer circumference, passing through a gap between the master 1 and the slave disk 11 to come out into the air. By this airflow, fine dust stuck on the surfaces of the master 1 and the slave disk 11 is discharged into the air. When the suction pump 9 is stopped, and the inlet valve 10 is closed, while the slave disk 11 is mounted on the master 1 and the exhaust valve 8 is opened, and then the exhaust pump is operated to discharge air in the groove 4, the master 1 and the slave disk 11 is closely stuck to each other.



LEGAL STATUS

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